

ATTY. DOCKET NO.:

SERIAL NO.:

10-659-999

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

RE-EXAM CONTROL NO.:  
APPLICANT: Hollander et al.

(Use several sheets if necessary)

(37 CFR 1.98(b))

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
GA	4,591,256	5-27-86	Matsumura	—	—	
	5,258,871	11-02-93	Gupta	—	—	
	3,823,313	7/1974	Unema	362	259	
	4,315,150	2/1982	Darringer et al.	374	130	
	4,330,212	5/1982	Miller	356	354	
	4,494,881	1/1985	Everest	374	124	
	4,576,432	3/1986	Ruger	374	124	
	4,582,426	4/1986	Douglas	374	121	
	4,626,686	12/1986	Pompei et al.	374	124	
	4,963,096	10/1990	Khattak et al.	434	121	
	5,085,525	2/1992	Bartosik et al.	374	124	
	5,172,978	12/1992	Nomura et al.	374	121	
GA	5,368,392	6/1994	Hollander et al.	374	121	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES NO
GA	GB 2,203,537A	10-19-98	Great Britain	—	—	
GA	62-12848	2/1982	Japan	374	121	
	<del>57-0255851</del>	<del>2/1982</del>	<del>Japan</del>	<del>374</del>	<del>121</del>	
	57-0022521	2/1982	Japan	—	—	
GA	32 13 955	10/1982	Germany	374	121	
GA	3607679	11/1986	Germany	—	—	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

GA	Gaylor, Thomas K., Moharam, M. G., "Analysis and Applications of Optical Diffraction by Gratings," Proceedings of the IEEE, Vol. 73, No. 5, May 1985, pp. 894-937.
	The Optometrics Group, catalogue Transmission Grating Beamsplitters, 1993, pp. 60-61.
	McCormick, F. B., "Generation of Large Spot Arrays From a Single Laser Beam by Multiple Imaging with Binary Phase Gratings," Optical Engineering, April 1989, Vol. 28 No. 4, pp. 299-304.
GA	Harvey, James E.; Scott, Marion L., "Hole Grating Beam Sampler-Versatile High-Energy Laser (HEL) Diagnostic Tool," Optical Engineering, November/December 1981, Vol. 20, No. 6, pp. 881-886.

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<i>JS</i>	5,524,984	6/1996	Hollander et al.	374	121	
<i>JS</i>	5,626,424	5/1997	Litvin et al.	374	121	
<i>JS</i>	5,727,880	3/1998	Hollander et al.	374	121	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
					YES	NO
0458200	11/1991	European Pat.	374	121		
<del>0458200A2</del>	<del>11/1993</del>	<del>European Pat.</del>				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<i>JS</i>	Haidner, Helmut; Kipfer, Peter; Sheridan, John T.; Schwider, Johannes; Streibl, Norbert; Lindolf, Jürgen; Collischon, Martin; Lang, Anette; Hutfless, Joachim, "Polarizing Reflection Grating Beamsplitter for the 10.6- $\mu$ m Wavelength," Optical Engineering, August 1993, Vol. 32, No. 8, pp. 1860-1865.
<i>JS</i>	Molesini, G.; Pedrini, G.; Quercioli, F., "Laser Unequal Path Interferometer Configurations by Grating Splitting at the Fourier Plane," Optical Engineering, September/October 1984, Vol. 23, No. 5, pp. 646-649.
<i>JS</i>	Mokry, Patricia A., "Unique Applications of Computer-Generated Diffractive Optical Elements," SPIE Vol. 1052 Holographic Optics: Optically and Computer Generated (1989), pp. 163-171.
<i>JS</i>	Munnerlyn, C. R., "A Simple Laser Interferometer," Applied Optics, April 1969, Vol. 8, No. 4, pp. 827-829.
<i>JS</i>	Miller, Miroslav, "Photoresist as a Recording Material for Holographic Elements," SPIE vol. 2108, 8 pp.
<i>JS</i>	Schmidt, J.; Völkel, R.; Stork, W.; Sheridan, J. T.; Schwider, J.; Streibl, N.; Durst, F., "Diffractive Beam Splitter for Laser Doppler Velocimetry," Optical Letters, September 1, 1992, Vol. 17, No. 17, pp. 1240-1242.
<i>JS</i>	Kim, Richard C.; Case, Steven K., "Holographic Beamsplitter for Multiple Plane Wave Formation with Matched Phasefronts," SPIE (1989) Vol. 1052, pp. 52-64.
<i>JS</i>	Shuying, Wang; Chun, Lei, "New Method of Designing High-Efficiency Multi-Beam Light-Splitter," SPIE Vol. 1973, pp. 87-93.
<i>JS</i>	Lu, Xuenong; Wang, Ying; Wu, Minxian; Jin, Guofan, "The Fabrication of a 25x25 Multiple Beam Splitter," Vol. 72, number 3.4, pp. 157-162.

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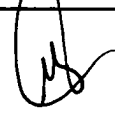

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	Azzam, R. M. A.; Forgala, G. W., "Creation of an Optical XYZ Coordinate System Using Bidirectional Blazing From A Symmetric Triangular-Groove Grating in a Conical Diffraction Mount," Optics Letters, Vol. 18, No. 24, 15 Dec. 1993, pp. 2162-2164, USA.
	Hong, Baojin; He, Yongrong; Ye, Ronghua, "Laser Grating Interferometer Using Grating as Beam Splitter," Zhongguo Jiguang/Chinese Journal of Lasers, vol. A20, No. 1, 1993, pp. 34-37, China.
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	Hansen, J. P.; Strong, J., "Performance of a Simple Spherical Lamellar Grating Beamsplitter by Wavefront Division," Aspen International Conference on Fourier Spectroscopy, Air Force Cambridge Res. Labs. 1971, pp. 215-220, Bedford, MA.
	Pallister, D. M.; Liu, K-L; Govil, A.; Morris, M. D.; Owen, H.; Harrison, T. R., "Raman Microprobe with Holographic Beamsplitter for Low-Frequency Operation," Applied Spectroscopy, Vol. 46, No. 10, Oct. 1992, pp. 1469-1473, USA.
	Courjon, D; Bulabois, J., "Noncoherent Microholography Using a Holographic Optical Element As A Beamsplitter," Optical Engineering, Vol. 20, No. 2, March-April 1981, pp. 233-235, USA.
	Spornik, N. M.; Tuev, A. F., "Universal Interferometer with the Reference Wave Formed From the Object Wave," Optiko-Mekhanicheskaya Promyshlennost, Vol. 59, No. 9, Sept. 1992, pp. 53-56, Russia.
	Mikes, T., "Fringe Benefits: Applications of Holographic Elements," Photonics Spectra, Vol. 17, No. 3, March 1983, pp. 40-44, USA.

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## U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

"Laser Sighting for Precise Noncontact Temperature Measurement",  
Raytek, Santa Cruz, Calif (8 Nov. 1993)

~~Photonics Spectra, September 1994, 8 pages pages 86~~

~~Brochure of Teledyne Brown, published in U.S.A. in 1994, with letter from Chief Engineer of Teledyne Brown~~

~~English Translation of German Federal Patent Court on March 31, 2003  
In re German patent 195 28 590 of Raytek GmbH~~

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